

REMARKS

Claims 1-7 are pending in the present application.

Entry of the above amendments is earnestly solicited. An early and favorable first action on the merits is earnestly requested.

Should there be any matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

Attached hereto is a marked-up version of the changes made to the abstract of the disclosure by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

Respectfully submitted,

YOUNG & THOMPSON



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BC/yr  
Attachments

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE ABSTRACT OF THE DISCLOSURE:

The Abstract of the Disclosure has been amended as follows:

ABSTRACT of the DISCLOSURE.

~~The cyclone~~Cyclone separator with flow rate regulation ~~is~~ for separating solid particles from a fluid, ~~especially in dental apparatus. The separator comprises a recipient having an a fluid inlet for the fluid and an upper outlet for the~~clarified fluid ~~once the solid particles have been removed therefrom.~~ The separator also comprises a recycling conduit which places an outlet conduit in communication with the inlet, a three-way valve to an inlet of which the outlet conduit is connected, and to outlets of which the recycling conduit and the outlet are connected. The three-way valve has an obturator which can block the connection between the outlet conduit and the recycling conduit, a one-way valve which has an obturator and is located at the outlet downstream of the three-way valve. The one-way valve is normally closed and can connect the outlet conduit with the outlet. The three-way valve and the one-way valve are brought into action when the fluid pressure in outlet from the separator reaches first and second predetermined values.

**ABSTRACT of the DISCLOSURE.**

Cyclone separator with flow rate regulation for separating solid particles from a fluid, comprises a recipient having a fluid inlet and an upper outlet for clarified fluid. The separator also comprises a recycling conduit which places an outlet conduit in communication with the inlet, a three-way valve to an inlet of which the outlet conduit is connected, and to outlets of which the recycling conduit and the outlet are connected. The three-way valve has an obturator which can block the connection between the outlet conduit and the recycling conduit, a one-way valve which has an obturator and is located at the outlet downstream of the three-way valve. The one-way valve is normally closed and can connect the outlet conduit with the outlet. The three-way valve and the one-way valve are brought into action when the fluid pressure in outlet from the separator reaches first and second predetermined values.